



HLA Peptide Binding Predictions

Function: Rank potential 8-mer, 9-mer, or 10-mer peptides based on a predicted half-time of dissociation to HLA class I molecules. The analysis is based on coefficient tables deduced from the published literature by Dr. Kenneth Parker, Children's Hospital Boston (email:

kenneth.parker@childrens.harvard.edu).

Another web site for predicting which peptides bind to MHC molecules is [SYFPEITHI](#), developed by Hans-Georg Rammensee's lab.

Analysis Options:

HLA molecule

n-mers

A1
A_0201
A_0205
A24
A3

9

Results Limited by: ☒ Explicit Number ☐ Predicted T_{1/2} >=

20

100

Please enter or paste an AA sequence to analyze (most formats accepted):

☒ Echo input sequence (generally recommended)

submit reset

Credits: WWW implementation by Ronald Taylor of BIMAS / CBEL / CIT / NIH

If you use results from this analysis in published research, please cite:

Parker, K. C., M. A. Bednarek, and J. E. Coligan. 1994. Scheme for ranking potential HLA-A2 binding peptides based on independent binding of individual peptide side-chains. *J. Immunol.* 152:163.



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